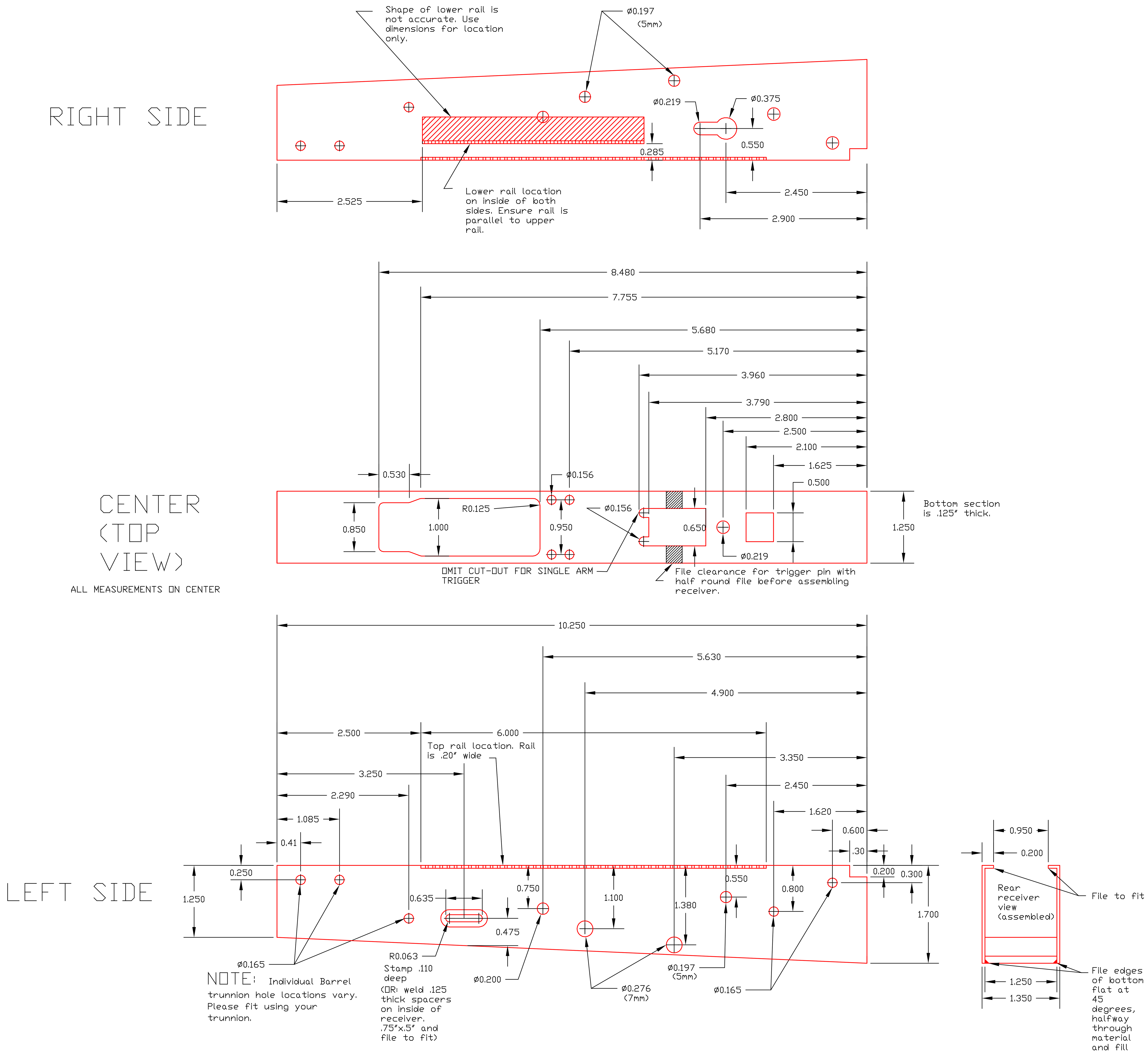


Side plates can be fabricated from .05 thick 4130 sheet that has folded upper rails. Alternately the sides can be made from rectangular 4130 tubing (1"x2") that is .065 thick. Cut the tube down the center and then cut to shape.

Heat treating is NEEDED if using 4130 of this thickness. To do so, clamp side plates back to back (helps prevents warping when quenched) and heat RED HOT with MAPP torch. Quench IMMEDIATELY in mineral oil or water. In this hardened condition (approx. Rockwell 60C) the metal is too brittle, therefore tempering is required. REHEAT the metal to BLUE HOT and let AIR COOL. Repeat with center section if desired.

NOTE: If metal becomes RED HOT when tempering the hardness WILL BE LOST and the above procedure will need to be repeated.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



AK-47 Home Built Receiver Plans

ALL BATF RULES APPLY

SIZE	FSCM NO.	DWG NO.	REV
		NOV. 21 2001	2
SCALE 1:1	Dr. Strangelove	SHEET 1 of 1	